

# CS101-Introduction to Computing

Solved MCQS for Midterms papers

Solved by JUNAID MALIK and Team



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## *LMS Handling*

### *Subject Enrollment*

- 1) Online classes available  
HTML, CSS, Javascript  
Phyton..etc
- 2) Solved Graded Activities
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  - GDB's
- 3) Solved Quiz File's
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### *Final project CS619*

- 1) SRS  
(Software Requirement's  
Specification)
- 2) DD  
(Design Document)
- 3) Test phase + viva
- 4) Viva preparation
- 5) Final Deliverable

**Gmail**

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1. Google Drive is an example of \_\_\_\_\_

- a) Grid and cluster computing
- b) Cluster computing
- c) Cloud computing
- d) Grid computing

2. How many comparisons are required to sort the elements using intersection sort algorithm? 13, 10, 9, 6, 33, 100

- a) 3
- b) 9
- c) 7
- d) 5

3. Which One of the following is correct for the symbolic representation of Primitives?

- a) Semantic
- b) Systematic
- c) Abstract
- d) Syntax

4. An algorithm is \_\_\_\_\_ and distinct from its representation.

- a) Abstract
- b) Vision
- c) Visual
- d) Clear

5. \_\_\_\_\_ Connects computer over a large geographical area or world

- a) LAN
- b) MAN
- c) WAN
- d) PAN

6. In computer, GUI stands for \_\_\_\_\_

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- a) General user interrupt
- b) Grayed user interface
- c) Graphical user interface**
- d) Graphical utility icon

7. Pseudo Code is a language\_\_\_\_\_

- a) Algorithm
- b) Independent**
- c) Dependent
- d) Sequence

8. You might search the following or similar thing and might get unpleasant results which might depress you.

- a) Stomach Condition
- b) Study
- c) Teaching
- d) Skin condition**

9. A single algorithm can be represented in \_\_\_\_\_ way(s).

- a) Single
- b) Malicious
- c) Modern
- d) Many**

10. The \_\_\_\_\_ in the state of process must be sufficient to determine uniquely and completely the actions required by each step.

- a) Data
- b) Instructions
- c) Program
- d) Information**

11. We need \_\_\_\_\_ memory to store data permanently.

- a) Volatile

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- b) DRAM
- c) RAM
- d) Non-Volatile

12. Which one of the following is true about process?

- a) Activity of executing an algorithm
- b) Activity of executing a Program
- c) Abstract Representation of machine
- d) Activity of representing pseudo code

13. One of the major uses of the \_\_\_ operation is to place zeros in one part of a bit pattern while not disturbing the other part.

- a) XOR
- b) NOR
- c) AND
- d) OR

14. Which of the following is true about TCP in comparison to UDP?

- a) Less reliable but more efficient
- b) More reliable and more efficient
- c) More reliable and less efficient
- d) Less reliable and less efficient

15. In 2's complement the notation, the maximum positive number is represented by \_\_\_\_\_

- a) All 1's
- b) A single '0' followed by all 1's
- c) A single '1' is followed by all 0's
- d) All 0's

16. \_\_\_\_\_ provides a network the internet connectivity

- a) Hub
- b) Node
- c) Gateway
- d) Repeater

17. Telnet is used to \_\_\_\_\_ between two systems.

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- a) Establish a secure remote connection
- b) Securely share information
- c) Establish a remote connection**
- d) Securely transfer files

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18. one term can be used for more than one thing. For example, word “jaguar” is used in two meanings such as:

- a) Car and Cat
- b) Car and Bus
- c) Animal and Car**
- d) Car and helicopter

19. determines the number of bits to move radix point to either left or right.

- a) Exponent field**
- b) Significant bit
- c) Sign bit
- d) Mantissa field

20. Breaking the tasks into a number of subtasks compatible with the number of available processors is called \_\_\_\_\_

- a) Interactive processing
- b) Scaling**
- c) Throughput
- d) Load balancing

21. \_\_\_\_\_ is a malware which gathers data about your activities on the system and forwards it to the outside party without your consent.

- a) Worms
- b) Spyware**
- c) Virus
- d) Trojan Horses

22. Posttest loop structures refer to?

- a) Test for termination is performed before the body is executed
- b) Test for termination is performed as well as the body is executed

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c) Test for termination is performed after the body is executed

d) Test for termination is performed with the body is executed

23. Starting with vocabulary words and then giving students a reading passage is an example of:

a) A top-down approach

b) A cron-up approach

c) A bottom-up approach

d) A Pop-up approach

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24. \_\_\_\_\_ refers to distributed systems that are more loosely coupled than clusters but that still work together to accomplish large tasks.

a) Cloud computing

b) Parallel Computing

c) Quantum Computing

d) Grid Computing

25. Capacity of one sector CD is of \_\_\_\_\_ KB.

a) 2

b) 4

c) 1

d) 3

26. A \_\_\_\_\_ transport layer is said to establish a connection before sending a message.

a) HTTP

b) SMTP

c) TCP

d) UDP

27. A sequence of transaction in which the user establishes initial contact with a computer's operating system is called \_\_\_\_\_?

a) Logout

b) Process

c) Boot state

d) Login

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28. Most \_\_\_\_\_ codes used today are Huffman codes.

- a) Differential
- b) Relative
- c) Frequency-dependent
- d) Run-length

29. \_\_\_\_\_ contains the information needed by a browser the proper server and request the desired document.

- a) TCP
- b) UDP
- c) SMTP
- d) URL

30. In black and whites, each pixel is represented as one bit- e.g., 0 for black and 1 for white. It is an example of \_\_\_\_\_

- a) Matrix
- b) Email
- c) Facsimile
- d) Searching

31. How many commons forms of data mining?

- a) Five
- b) Four
- c) Three
- d) Two

32. In context of environment, computer science have impacts:

- a) Positive
- b) Negative
- c) Dangerous
- d) Both positive and negative

33. Programming languages are well-designed so that each statement has \_\_\_\_\_ meaning:

- a) Only once
- b) Multiple
- c) No

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d) Same

34. Access to the forbidden literature is because of:

- a) Computer
- b) Cyber building
- c) Identity theft
- d) Lacking privacy

35. Content filtering works by matching\_\_\_\_\_ of characters:

- a) String
- b) Codes
- c) Values
- d) Paragraphs

36. Copyrights can be applied on:

- a) Dramatic works
- b) Music
- c) Artistic work
- d) All of these

37. Editing Group have commands:

- a) 2
- b) 3
- c) 4
- d) 5

38. A file's \_\_\_\_\_ is normally stored as a separate file on the same mass storage device as the \_\_\_\_\_.

- a) Index, indexed file
- b) Sequential, sequential file
- c) Database, database file
- d) Flat, flat file

39. Major components of syntactic analysis is:

- a) Context
- b) Identifying
- c) Parsing
- d) Understanding syntax

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40. In some cases, the data collection process is readily apparent; in others it is:

- a) Outward
- b) Subtle**
- c) Specious
- d) Obvious

41. Attacks can be made to prevent access to websites by crashing:

- a) Websites
- b) Servers**
- c) Network
- d) Database

42. Electronic Theft include:

- a) Online scam**
- b) Harmful advice
- c) Cyber bullying
- d) Unsuitable products

43. Page group includes options:

- a) Cover page**
- b) Page margins
- c) Page color
- d) All of these

44. Home ribbon contains groups:

- a) Paragraph
- b) Font
- c) Clipboard
- d) All of these**

45. Easy access to online health centers is because of:

- a) Computer science**
- b) Artificial Intelligence
- c) Database
- d) Intelligent agents

46. Microsoft office includes:

- a) Word**

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- b) Pdf reader
- c) WordPad
- d) All of these

47. Software licenses are:

- a) Proprietary
- b) Free
- c) Open source
- d) All of these

48. In the United States the privacy act of 1974 was to protect citizens from abusive use of databases:

- a) Government
- b) Public
- c) Agencies
- d) Companies

49. Matching Geometric Characteristics technique Cannot read:

- a) Images
- b) Pictures
- c) Optical characters
- d) Handwritten Material

50. The amount of paper use in a year is:

- a) 83 million users
- b) 85 million users
- c) 90 million users
- d) 95 million users

51. ctrl + Z is used for

- a) Redo
- b) Undo
- c) Save
- d) Load

52. A program DOCTOR developed by joseph Weizenbaum in the mid-1960's named as:

- a) Alexa

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- b) Smart Doctor
- c) Eliza
- d) Joseph

53. Turing gave a percentage of a machine that will have a chance to pass Turing test in year:

a) 2000 **AL-JUNAID INSTITUTE OF GROUP**

- a) 2002
- b) 2008
- c) 2012

54. We can add charts in MS-word from group:

- a) Illustrations
- b) Table
- c) Symbols
- d) Apps

55. Contact Risks include:

- a) Online Scam
- b) Harmful Advice
- c) Cyber Bullying
- d) Unsuitable products

56. Computer Security is also Known as:

- a) System-Security
- b) Cyber-Security
- c) Password
- d) Copyright

57. The people present around the e-waste gain:

- a) Benefits
- b) Diseases
- c) Substances
- d) Electronic waste

58. Attacks can be made to prevent access to website by crashing:

- a) Website

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**b) Servers**

- c) Network
- d) Databases

59. We can increase the size of text from home ribbon group called:

a) Paragraph

**b) Font** AL-JUNAID INSTITUTE OF GROUP

- c) Clipboard
- d) Styles

60. Most famous word processor is:

a) MS- Excel

**b) MS-Word**

- c) WordPad
- d) Notepad

61. When we draw a table in MS-word the table have initial column(s):

a) Zero

**b) One**

- c) Two
- d) Multiple

62. shortcut key to paste is:

a) CTRL + P

b) ALT + P

**c) CTRL + V**

d) ALT + V

63. Researchers are trying to develop systems that exhibits intelligent behavior in \_\_\_\_\_ track:

a) Theoretical

b) Intelligent

c) Artificial

**d) Engineering**

64. Pages is an option in the ribbon:

a) Home

**b) Insert**

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- c) Review
- d) View

65. There are many types of sensors including:

- a) Camera
- b) Range Sensors
- c) Microphone
- d) All of these

66. Reports can be received at home through email because of advancement in:

- a) Computer science

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- a) Artificial Intelligence
- b) Medical databases
- c) Hospitals

67. MS-word is an example of:

- a) Digital software
- b) System software
- c) Word processors
- d) Utility Programs

68. Ethics and legality are essentials in many industries including:

- a) Government Officers
- b) Doctors
- c) Teachers
- d) All of these

69. shortcut key of cut is:

- a) CTRL + C
- b) CTRL + X
- c) CTRL + V
- d) CTRL + I

70. Computer is known is also known as:

- a) System- Security
- b) Cyber-security
- c) Password

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d) Copyright

71. In MS-Word different type of effects on the text can be applied with:

- a) Text box
- b) Word art**
- c) Quick parts
- d) All of the given

72. The field of artificial intelligence is being pursued along paths:

- a) 2**
- b) 3
- c) 4
- d) 5

73. \_\_\_\_\_ is not only used as a means of retrieving data from mass storage but also as a means of retrieving items from large blocks of data storage in main memory.

- a) Hashing**
- b) Indexing
- c) Sequential
- d) Database

74. \_\_\_\_\_ option in MS-word prevent others from making changes to the selected text.

- a) Block Authors**
- b) Protect Authors
- c) Restrict Authors
- d) Prevent Authors

75. IPR stands for:

- a) Intellectual property restate
- b) Intellectual property rights**
- c) Intellectual property resources
- d) Intellectual property release

76. To control access to the printer, the \_\_\_\_\_ must keep track of whether the printer has been allocated

- a) Process

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b) Operating systems

c) Windows

d) Booting

77. \_\_\_\_\_ loop structures referred to as a posttest loop

a) While

b) Repeat

c) For

d) For each

78. By using MPEG and MP3 compression techniques, videos cameras are able to record video within \_\_\_\_\_

a) 128 GB storage

b) 28 MB storage

c) 128 MB storage

d) 8 GB storage

79. Who introduce the idea of storing the program in main memory?

a) Jhon W. Mauchly

b) Jhon Von Neumann

c) J. Presper Eckert

d) Konrad Zuse

80. In the reverse engineering process, what refers to the sophistication of the design information that can be extracted from the source code?

a) Interactive

b) Completeness

c) Abstraction level

d) Direction level

81. When we use \_\_\_\_\_ tag while searching it shows only a particular pages related to it.

a) @

b) \*

c) ``

d) #

82. In CS, we Store and link data in an organized Way using

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- a) SDLC
- b) MSDB
- c) DMBS
- d) DBMS

83. Termination condition is\_\_\_\_\_.

- a) Negation of the condition
- b) Supporting
- c) Halting process
- d) Logical process

84. If we are interested to see the map of some location, we can use map operator in the following way:

- a) Location: map
- b) Map: Location
- c) Mph: Map
- d) Locations

85. The node or PC which sends requests for services is called\_\_\_\_\_

- a) Server
- b) Client
- c) Protocol
- d) ISP

86. Which of the following technology is not related to the client side working?

- a) Java applets
- b) Java script
- c) PHP
- d) HTML

87. In binary Addition  $1+0=$

- a) 8
- b) 4
- c) 2
- d) 1

88. Computer does not stand any language except

- a) Machine Language

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- b) Assembly Language
- c) Binary Language**
- d) Programming Language

89. CPU required at least \_\_\_\_\_ to fetch instructions from memory.

- a) Two Nanosecond**
- b) Nanosecond
- c) Three Nanosecond
- d) One billion second

90. Each Textual Symbol is represented with a \_\_\_\_\_ pattern.

- a) Kilo byte
- b) Unique byte**
- c) Byte
- d) Bit

91. Which of the following is a disadvantage of a linear search?

- a) Requires more space
- b) Greater time Complexities compared to the other searching algorithms**
- c) Not easy to understand
- d) Not easy to Implement

92. In \_\_\_\_\_ digits on right side represent the fractional part.

- a) Fraction**
- b) Decimal
- c) Hexadecimal
- d) Binary

93. The control of a loop consists of the \_\_\_\_\_ activities.

- a) Two
- b) Three**
- c) Four
- d) Five

94. Step wise refinement is a \_\_\_\_\_ methodology in that it progresses from the general to the specific.

- a) Bottom up
- b) Top down**

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- c) Left to right
- d) Right to left

95. which kind of server work as an intermediate between the client and server.

- a) Client server
- b) Server computer
- c) Super server
- d) Proxy server

96. The impact of truncation error can be reduced by using\_\_\_\_\_

- a) Longer exponents field
- b) Positive exponent field
- c) Floating point Notation
- d) Longer Mantissa field

97. When you type a query in the search bar of google, Google finds all those pages which contain\_\_\_\_\_.

- a) All the terms given in the query
- b) None of the terms given in the query
- c) Some of the given terms give in the query
- d) Random

98. Software units that communicate with controller or sometimes directly to peripheral devices called

- a) Utility program
- b) System software
- c) Device drivers
- d) Operating system

99. Process states include the value of the program counter as well as the contents of the \_\_\_\_\_

- a) Related memory cells
- b) Registers and related memory cells
- c) Registers
- d) Registers and cache memory cells

100. Approximately how many entries a typical dictionary in a word processor can contain?

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- a) 25,000 entries
- b) 250,000 entries
- c) Less than 25,000 entries
- d) More than 250,000 entries

101. Previously how many bits were used to store 2's complement notation.

- a) 8 bits
- b) 16 bits
- c) 64 bits
- d) 128 bits

102. Which of the following language is used for client-side scripting?

- a) Python
- b) JavaScript
- c) PHP
- d) ASP.net

103. The memory manager allocates \_\_\_\_\_.

- a) Mass storage space
- b) Memory space
- c) Space in the process table
- d) Storage space

104. the bit 0 represent the value false and bit 1 represents the value \_\_\_\_\_.

- a) Wrong
- b) True/false
- c) True
- d) Empty

105. If you want to search for an exact phrase on google then enclose it in \_\_\_\_\_.

- a) @
- b) " " AL-JUNAID INSTITUTE OF GROUP
- c) \*
- d) #

106. On social media, some times a particular \_\_\_\_\_ is very popular.

- a) Hash tag

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- b) Symbol
- c) Operator
- d) Word

107. While (\_\_\_\_\_): here what will be written?

- a) Body
- b) Condition**
- c) Function definition
- d) Total number of code lines

108. When applied to a list with  $n$  entries, the binary search algorithm will interrogate an average of \_\_\_\_\_ entries

- a) Login
- b)  $N$
- c)  $\log_2 n$**
- d)  $N \log n$

109. The set of tasks that ensures the software is correctly implements a specific function is known as

- a) Modularity
- b) Verification**
- c) Validation
- d) Requirement gathering

110. Distinction between program believed to be correct and the program that is correct is

- a) Software Modularity
- b) Software requirements gathering
- c) Software verification**
- d) Software validation

111. Establishing a well-defined set of building blocks from which algorithm representations can be constructed such a building block is called a \_\_\_\_\_.

- a) Program
- b) Primitive**
- c) Block
- d) Pile

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112. The repetitive use of an instructions or sequences of instructions is an important algorithmic concept. One method of implementing such repetition is the iterative structure known as the \_\_\_\_\_.

- a) Loop
- b) IF ELSE
- c) Class
- d) Condition

113. printer is an \_\_\_\_\_ device.

- a) Output
- b) Input
- c) Input/output
- d) None of the given options

114. One is that a CPU should be designed to execute a minimal set of instructions. This approach is called a \_\_\_\_\_.

- a) CISC
- b) RISC
- c) ENVIAC
- d) RISC/CISC

115. The computers of the \_\_\_\_\_ were not very flexible or efficient.

- a) 1940`s and 1950`s
- b) 1950`s and 1960`s
- c) 1930`s
- d) 1961`s and 1970`s

116. Repeated erasing slowly \_\_\_\_\_ the silicon dioxide chambers

- a) Damages
- b) Enhance
- c) Increase
- d) Decrease

117. For a network to function reliably, it is important to establish rules by which activities are conducted. Such rules are called \_\_\_\_\_.

- a) Properties
- b) Patterns

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- c) Premises
- d) Protocols

118. What is full form of JSP?

- a) Java server Pages
- b) Java Script pages
- c) Java semantic pages
- d) Java Source pages

119. ENIAC stands for

- a) Electronic numerical integrator and calculator
- b) Electronic numbers and integrator and calculator
- c) Electronic numerical integer and calculations
- d) Electronic numbers integer and calculations

120. Generally how many steps a machine cycle have?

- a) Two
- b) Three
- c) Four
- d) Two or more

121. One of the earlier computing devices was the.

- a) Laptop
- b) ABACUS
- c) iPhone
- d) Windows

122. If we have to insertion sort names Fred, Alex, Diana, Byron, Carol

One approach to sorting this list is to note that the sublist consisting of

- a) Both Fred and Alex
- b) Only carol
- c) Only top name
- d) Sub list having 3 names

123. if right circular shift is performed on a \_\_\_\_\_ eight times. Same bit pattern is obtained as it started.

- a) Bite size byte pattern
- b) Byte pattern

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c) Byte size and pattern

d) Bit pattern

124. A directories can contain other directories called subdirectories constructed a \_\_\_\_\_.

a) Directory system

b) Network organization

c) Tree organization

d) Hierarchical organization

125. A CPU consists of three parts \_\_\_\_\_.

a) ALU/ control unit, register

b) ALU/MJPEJ/CU

c) CIRCUIT/MP3/CU

d) RAM/CACHE/DRAM

126. By using 16 bits in 2's complement notation how many maximum positive number can be represented

a) 32768

b) 32678

c) 32867

d) 32868

127. Current status of the activity associated with the process is called the

a) Process Status

b) Process state

c) Process association

d) Process class

128. A private Key is used to \_\_\_\_\_ messages.

a) Send

b) Receive

c) Encrypt

d) Decrypt

129. which one of the following is not a property of a good algorithm?

a) Consistency

b) Unambiguousness

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- c) Efficiency
- d) Time Taking**

130. Computer science approaches some problem by establishing a well-defined set of building blocks from which algorithms representations can be constructed. These building blocks are\_\_\_\_\_

- a) Primitive**
- b) Non-Primitive
- c) Scalar
- d) Non-scalar

## **Question No: 1**

It represents the \_\_\_\_\_ flow chart element.

- ▶ Flow Line
- ▶ Connector
- ▶ Off-page connector
- ▶ Start or Stop.**

## **Question No: 2**

What is NOT a key factor while designing a website?

- ▶ Usability
- ▶ User-friendly
- ▶ Consistency
- ▶ Complexity**

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## **Question No: 3:**

\_\_\_\_\_ % of the users have left websites in frustration due to poor navigation.

- ▶ 40
- ▶ 62
- ▶ 83**

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► 91

## **Question No: 4:**

In JavaScript, a variable declaration is

► **Optional**

- Mandatory
- Not allowed
- None of the given

## **Question No: 5:**

A protocol used for receiving email messages is called \_\_\_\_\_.

- URL
- Telnet

► **POP3**

- SMTP

## **Question No: 6:**

Which is correct?

- onUnload
- onUnLoad
- onUNLOAD

► **All of the above**

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## **Question No: 7**

Serial arrangement in which things follow logical order or a recurrent pattern, such as statements executing one by one, is called \_\_\_\_\_.

► **Loop**

- Sequence
- Condition
- Array

## **Question No: 8**

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Variables allow us to manipulate data through the \_\_\_\_\_.

▶ Actual Value

▶ **Reference**

▶ Length

▶ Name

## **Question No: 9**

Fuzzy logic is based on \_\_\_\_\_.

▶ Ground facts

▶ Experience

▶ Practice

▶ **Approximation**

## **Question No: 10**

Word Processor is a \_\_\_\_\_

▶ System Software

▶ **Application Software**

▶ Device

▶ Utility

## **Question No: 11**

In the old days, databases did NOT support \_\_\_\_\_.

▶ Number

▶ Boolean

▶ **Video**

▶ Text

## **Question No: 12**

In tabular storage, fields placed in a particular row are strongly \_\_\_\_\_.

▶ Independent

▶ Dependent

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## ► Interrelated AL-JUNAID INSTITUTE OF GROUP

- Inconsistent

### Question No: 13

Due to working at home, lack of interaction may result in \_\_\_\_\_ professional growth.

## ► Slower

- Faster
- Higher
- Improved

### Question No: 14

Distance learning has got a boost due to the \_\_\_\_\_.

- Easy communication
- Online interactive contents
- Flexibility

## ► All of the given options

### Question No: 15

\_\_\_\_\_ technique can be used to create smooth animations or to display one of several images based on the requirement.

- Image downloading

## ► Image preloading

- Image uploading
- Image postloading

### Question No: 16

The \_\_\_\_\_ is becoming the preferred organizational structure for more and more organizations with the passage of time.

- Tree structured organizational model

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## **► Network paradigm**

- Hierarchical structure
- None of the given options

### **Question No: 17**

The group of technologies concerned with the capturing, processing and transmission of information in the digital electronic form is called \_\_\_\_\_.

- Telecom Engineering
- Computer Engineering
- Computer Science

## **► Information Technology**

### **Question No: 18**

A large number of networks interconnected physically is called \_\_\_\_\_.

## **► LAN**

- MAN
- Internet
- Network collection

### **Question No: 19 TCP stands for \_\_\_\_\_.**

- Transfer Center protocol

## **► Transmission Control Protocol**

- Transmission Center Protocol
- Telephone Center Protocol

### **Question No: 20**

A collection of data organized in such a way that the computer can quickly search for a desired data item is known as:

- Retrieving

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## ► Database

- Information
- DBMS

### **Question No: 21**

\_\_\_\_\_ is simply a fast port that lets you connect computer peripherals and consumer electronics to your computer without restart.

- Freeware
- Shareware

## ► Firewire

- Firmware

### **Question No: 22**

Structures, in which another list starts before the first list is finished, are called:

- Multiple Lists

## ► Nested Lists

- Ordered Lists
- Un-ordered Lists

### **Question No: 23**

The key property of the 'Array' object in JavaScript is:

- Value

## ► Length

- Name
- All of the given choices

### **Question No: 24**

Which one is the example of spreadsheet software?

- MS Word
- MS PowerPoint

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## **► MS Excel**

- MS Access

### **Question No: 25**

The Encryption of data is related to:

- Data updates

## **► Data security**

- Data integrity
- Data accessibility

### **Question No: 26**

\_\_\_\_\_ is the process of analyzing large databases to identify patterns.

- Data normalization
- Data management

## **► Data Mining**

- None of the given options

### **Question No: 27**

Which is the user-friendly way of presenting data?

- Query
- Form

## **► Report**

- All of the given options

### **Question No: 28**

JavaScript function fixed () has equivalent HTML tag-set \_\_\_\_\_ .

- <.FIX>.....</FIX>
- <F>.....</F>
- **<PRE>.....</PRE>**
- <H>.....</H>

### **Question No: 29**

Tags always placed between the and tags of a Web page:

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► **True**

► False

## **Question No: 30**

Java script has ----- ability to create and draw graphics.

- Limited
- Versatile
- Medium

► **Not at all**

## **Question No: 31**

Google Drive is an example of -----.

- Grid and cluster Computing
- Cluster Computing

► **Cloud Computing**

► Grid Computing

## **Question No: 32**

How many comparison are required to sort the element using insertion sort algorithm?

- 3
- 9
- 7

► **5**

## **Question No: 33**

Which one of the following is correct for the symbolic representation of primitives?

► **Semantic**

- Systematic
- Abstract
- syntax

## **Question No: 34**

An algorithm is -----and distinct from its representation.

► **Abstract**

- vision
- Visual
- Clear

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## **Question No: 35**

----- Connects computer over a large geographical area of world.

- ▶ LAN
- ▶ MAN
- ▶ **WAN**
- ▶ PAN

## **Question No: 36**

In computer, GUI stands for-----.

- ▶ general user interrupt
- ▶ grayed user interface
- ▶ **graphical user interface**
- ▶ graphical utility icon

## **Question No: 37**

Pseudo code is language:

- ▶ Algorithm
- ▶ **independent**
- ▶ dependent
- ▶ Sequence

## **Question No: 38**

You might search the followings or similar thing and might get unpleasant result which might depress you.

- ▶ Stomach condition
- ▶ Study
- ▶ Teaching
- ▶ **Skin Condition**

## **Question No: 39**

A single algorithm can be represented In ----- way(s).

- ▶ Single
- ▶ malicious
- ▶ Modern
- ▶ **Many**

## **Question No: 40**

The ----- in the state of the process must be sufficient to determine uniquely and completely the action required by each step.

- ▶ Date
- ▶ instruction
- ▶ program
- ▶ **information**

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## Question No: 41

We need -----memory to store data permanently.

- ▶ Volatile
- ▶ DRAM
- ▶ RAM

▶ **Non- Volatile**

## Question No: 42

Which one of the following is true about a process?

- ▶ Activity of executing an algorithm

▶ **Activity of executing a program**

- ▶ abstract representation of machine
- ▶ Activity of representing pseudo code

## Question No: 43

One of the major uses of the ---- operation is to place zeros in on part of a bit pattern while not disturbing the other part.

- ▶ XOR
- ▶ NOR

▶ **AND**

- ▶ OR

## Question No: 44

Which of the following is true about TCP in comparison to UDP?

- ▶ Less reliable but more efficient
- ▶ more reliable and more efficient

▶ **More reliable but less efficient**

- ▶ less reliable and less efficient

## Question No: 45

In 2's complement, the maximum positive number is represented by-----

- ▶ All 1's

▶ **A single '0' followed by all 1's**

- ▶ A single '1' followed by all '0's
- ▶ All '0's

## Question No: 46

----- provides a network the internet connectivity.

- ▶ Hub
- ▶ Node

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## **► Gateway**

- Repeater

### **Question No: 47**

Telnet is used to ----- between two systems.

- Establish a secure remote connection
- Securely share information

## **► Establish a remote connection**

- securely transfer files

### **Question No: 48**

One term could be used for more than one thing For example word "Jaguar" is used in two meaning such as:

- Car and cat

## **► car and bus**

- Animal and car
- Car and helicopter

### **Question No: 49**

----- determine the number of bits to move radix point to either left to right.

## **► Exponent field**

- Significant bit
- Sign bit
- Mantissa field

### **Question No: 50**

Breaking the tasks into number of subtasks compatible with the number of available processors is called.....

- Interactive processing

## **► Scaling**

- throughput
- load balancing

### **Question No: 51**

----- is a malware which gathers data about your activities on the system and forward it to the outside party without your consent.

- Worms

## **► Spyware**

- Virus
- Trojan Horses

### **Question No: 52**

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Post test loop structure refer to?

- ▶ Test for termination is performed before the body is executed.
- ▶ Test for termination is performed as well as the body is executed.
- ▶ **Test for termination is performed after the body is executed.**
- ▶ Test for termination is performed with the body is executed.

## **Question No: 53**

Starting with vocabulary words and then giving student a reading passage is an examples of:

- ▶ A top- down approach
- ▶ A cron-up approach
- ▶ **A bottom – up approach**
- ▶ A pop- up approach

## **Question No: 54**

----- refers to distributed systems that are more loosely coupled than cluster but that still work together to accomplish large tasks.

- ▶ Cloud computing
- ▶ parallel computing
- ▶ Quantum computing
- ▶ **Grid Computing**

## **Question No: 55**

Capacity of one sector of CD is of ----- KB.

- ▶ **2**
- ▶ 4
- ▶ 1
- ▶ 3

## **Question No: 56**

A ----- transport layer is used to establish a connection before sending a message

- ▶ HTTP
- ▶ SMTP
- ▶ **TCP**
- ▶ UDP

## **Question No: 57**

A sequence of transection in which the user establishes initial contact with a computer operating system is called -----

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- ▶ logout
- ▶ process
- ▶ boot state
- ▶ **log in**

## **Question No: 58**

Most----- codes used today are Huffman codes.

- ▶ Differential
- ▶ Relative
- ▶ **Frequency- dependent**
- ▶ Run-length

## **Question No: 59**

----- contains the information needed by a browser to the contact the proper sever and request the desired document.

- ▶ TCP
- ▶ UDP
- ▶ SMTP
- ▶ **URL**

## **Question No: 60**

In black and white images, each pixel is represented as one bit – e.g.0 for black and 1 white. It is as example of...

- ▶ Matrix
- ▶ Email
- ▶ **Facsimile**
- ▶ searching

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